Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 11 Dec 2021 until 23:59 on Sunday 12 Dec 2021

Forecast Issued on Saturday 11 Dec 2021 at 04:03

Confidence: High confidence for a return to milder conditions through today, but there is uncertainty about the extent of rainfall and how long it will last over the coming days.

Headline for Saturday 11 Dec 2021: Cloudy with heavy rain spreading to all parts. Strengthening southwest winds, turning milder later.

Mountain weather hazards on Saturday 11 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy Rain	Heavy Rain	Light rain	Light rain
Precipitation probability					
<05%	30%	80%	80%	90%	70%

Forecast for Saturday 11 Dec 2021

Weather: Cloudy and briefly dry start, before outbreaks of light rain arrive from the west soon after dawn. By late morning the rain becomes heavy, accompanied by widespread hill fog. This afternoon heavy rain persists across western areas, while further east the rain is likely to become lighter and patchy. This evening heavy rain may ease across the west, leaving light rain for most of the Peak District.

Chance of cloud free mountain/hill tops above 600m: 90% first thing but decreasing this morning to become only 60% by midday, with widespread low cloud across western areas. Then decreasing 20% this afternoon across all of the Peak District.

Visibility: At first patches of low cloud around 600m, but cloud gradually thickening and lowering from the west this morning, becoming overcast at around 400m by early afternoon. Good visibility at dawn but becoming very poor with the hill fog, with large tracts of land covered in cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 11 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 SW	15/20 SW	20/28 S	22/32 SW	19/28 SW	18/26 SW	19/27 SW
300	6/10 SW	7/13 S	12/20 S	14/23 S	13/21 S	13/22 SW	14/22 SW
Valley	2/9 S	3/13 S	7/19 S	8/21 S	7/18 S	8/20 SW	9/20 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-3	2/-3	3/-3	4/-2	6/1	8/4	8/4
300	3/0	4/1	4/0	6/2	7/4	9/6	10/7
Valley	2/1	3/2	4/2	6/3	7/5	9/7	10/8
Freezing Level*	800m	800m	2000m	2500m	2600m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Turning milder through today with quite a rapid lift in freezing level resulting in some snowmelt over higher hills this afternoon with rivers and streams rising. Very wet underfoot in places. Southwest winds becoming quite strong this afternoon and evening, with gusts perhaps close to gale force over exposed summits and ridges.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 11 Dec 2021	3.4mm	13.4mm	23.8mm

Forecast for Sunday 12 Dec 2021

Weather: Rain at first, locally heavy, especially across western areas. The rain gradually eases to become light and patchy by daybreak. From late morning patchy drizzle will replace the rain, with the drizzle especially over western hills. A few brighter spells may develop through the afternoon across eastern areas but further patchy light rain may arrive late evening.

Maximum wind: Southwest 15-20mph increasing 25-30mph with gusts 40-45mph later.

Chance of cloud free mountain/hill tops above 600m: 10% or less, becoming 40% across western areas and 70% across eastern areas through the afternoon. Perhaps decreasing generally 40% through the evening if rain arrives.

Visibility: Overcast low cloud with a base around 400m for most of the morning, cloud breaking in the afternoon becoming broken or scattered above 500m. More cloud breaks around eastern hills during the afternoon. Overcast above 600m later in the evening as a narrow band of frontal rain spreads east.

Temperature: **Valleys:** Plus 6 Celsius rising to 11 Celsius.
At 600m: Plus 8 Celsius.
Freezing level: Above all summits.

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